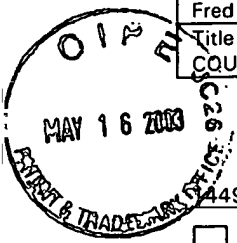


3743

TRANSMITTAL LETTER			Visteon Case No. V201-0148 BHG&L Case No. 10541/455
Serial No. 10/034,333	Filing Date December 28, 2001	Examiner Unassigned	Group Art Unit 3743
Inventor(s) Fred G. Schroeder et al.			RECEIVED MAY 20 2003
Title of Invention COUNTER-FLOW HEAT EXCHANGER WITH OPTIMAL SECONDARY CROSS-FLOW			



TO THE COMMISSIONER FOR PATENTS

TECHNOLOGY CENTER R3700

Transmitted herewith is Transmittal Letter (in duplicate); Supplemental Informational Disclosure Statement; PTO 449 along with six (6) cited references; Postcard Evidencing Receipt.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a \_\_\_\_ month extension of time.
- ☐ The fee has been calculated as shown below:

60  
5-29-03  
#5

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

Small Entity	
Rate	Add'l Fee
x \$9 =	
x 42 =	
+ \$140 =	
Total add'l fee	\$

Other Than Small Entity	
Rate	Add'l Fee
x \$18 =	
x \$84 =	
+ \$280 =	
Total add'l fee	\$

- ☐ Please charge Deposit Account No. 06-1500 (VISTEON GLOBAL Technologies, INC) in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 06-1500. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 06-1500. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

John C. Freeman  
Registration No. 34,483  
Attorney for Applicants

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on May 13, 2003.

Date: May 13, 2003 Signature:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450 on May 13, 2003



Name of Registered Representative:

*John G. Freeman*

John G. Freeman, Registration No. 34,483

*May 13, 2003*

Date of Signature

**RECEIVED**

MAY 20 2003

TECHNOLOGY CENTER R3700

VISTEON CASE NO. V201-0148  
BRINKS HOFER GILSON  
& LIONE PATENT  
CASE NO. 10541/455

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application: )  
)  
Fred G. Schroeder et al. )  
) Group Art Unit: 3743  
Serial No.: 10/034,333 )  
) Examiner: unassigned  
Filed: December 28, 2001 )  
)  
For: COUNTER-FLOW HEAT )  
EXCHANGER WITH OPTIMAL )  
SECONDARY CROSS-FLOW )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.98, Applicants hereby submit the following references for consideration by the Examiner. Copies of all of the references are enclosed along with a

completed copy of Form PTO-1449.

**I. DISCLOSURE**

**A. U.S. Patents**

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,858,584	Bridgeman	08/22/89
5,379,832	Dempsey	01/10/95

**B. Foreign Patents**

<u>Reference No.</u>	<u>Country</u>	<u>Pub. Date</u>
1,116,537	U.K.	06/06/68
11-37674 A	Japan	02/12/99
2000-292078 A	Japan	10/20/00
2 374 400 A	U.K.	10/16/02

**II. DISCUSSION**

**A. U.S. Patent No. 4,858,584**

The '584 patent was designated as an X-type reference in a Search Report for a corresponding U.K. patent application. An X-type reference indicates a lack of novelty or inventive step.

**B. U.S. Patent No. 5,379,832**

The '832 patent was designated as an X-type and Y-type reference in a Search Report for a corresponding U.K. patent application. A Y-type reference indicates a lack of inventive step if combined with one or more other Y-type references.

**C. U.K. Patent Reference No. 1,116,537**

The '537 reference was designated as an X-type reference in a Search Report for a corresponding U.K. patent application.

**D. Japanese Reference No. 11-37674**

Based solely on the drawings and the enclosed English language Abstract, the '674 patent reference appears to disclose a heat exchanger with a fluid passage formed between two cylinders and a second fluid passage is defined by a pipe that lies between the two cylinders.

The '674 reference was designated as an X-type reference in a Search Report for a corresponding U.K. patent application.

**E. Japanese Reference No. 2000-292078**

Based solely on the drawings and the enclosed English language Abstract, the '078 patent reference appears to disclose a heat exchanger that has a coiled pipe containing a first fluid and positioned between two cylinders and a second fluid that flows from a lower part to an upper part of the heat exchanger.

The '078 reference was designated as an X-type reference in a Search Report for a corresponding U.K. patent application.

**F. U.K. Patent Reference No. 2 374 400**

The '400 reference was designated as a Y-type reference in a Search Report for a corresponding U.K. patent application.

**III. CONCLUSION**

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicants wish to make it clear that the disclosure of the

above references is in no way an admission that they qualify as prior art. It is Applicants' desire, however, to have these references available in the record for both the Examiner and the public to see. Applicants therefore request that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J.C. Freeman', with a stylized flourish at the end.

John C. Freeman  
Registration No. 34,483  
Attorney for Applicants

BRINKS HOFER  
GILSON & LIONE  
P.O. Box 10395  
Chicago, Illinois 60610  
(312) 321-4200

Dated: May 13, 2003